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A Khotanzad, JY Chen - Pattern Analysis and Machine Intelligence, IEEE Transactions ..., 1989 - ieeexplore.ieee.org

... The Sobel operator [13], which computes the **gradient** over a ... Next, the sample mean of the **histogram** equalized **image** ... actually corresponds to a DxD **block** in the ...

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F Arman, A Hsu, MY Chiu - Multimedia Systems, 1994 - Springer

... types are identified, and the **entropy** and dequant ... solute value of the **difference histogram** surface is calculated ... frequency distribution in each **block** and the ...

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[Edge linking by sequential search - all 5 versions »](#)

AA Farag, EJ Delp - Pattern Recognition, 1995 - Elsevier

... tation, in our case, is the **gradient** of the ... H, V]. Second, and most importantly, they **detect edges** solely based upon ... edges and not on the original **image** as in ...

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[A window-based **image** processing technique for quantitative and qualitative analysis of road traffic ... - all 3 versions »](#)

M Fathy, MY Siyal - Vehicular Technology, IEEE Transactions on, 1998 - ieeexplore.ieee.org

... These operators have better performance than **gradient** and facet edge ... 2, where the sum of the **entropy** of the ... VERALL S YSTEM C ONFIGURATION The **block** diagram and ...

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SK Pal - International Journal of Systems Science, 1987 - informaworld.com

... **block** ... The higher the **difference** between F_i and F_j , the greater would be the contrast around ... quadratic index of fuzziness $y_i(X)$ (Kaufmann 1975) and the **entropy** ...

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F Chang, KH Liang, TM Tan, WL Hwan - Document Analysis and Recognition, 1999. ICDAR'99. ..., 1999 - ieeexplore.ieee.org

... Such low degree of **difference** can be found between ... precisely, the scale of the text **block** to which ... for gray-level picture thresholding using the **entropy** of the ...

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AP Dhawan, TE Dufresne - US Patent 5,271,064, 1993 - Google Patents
... cian **gradient** of the Gaussian function to evaluate zero ... and the elements did not have sufficiently differing **entropy** level of ... 2 is a **block** diagram of the **image** ...
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[book] **Fuzzy Neural Network for Edge Detection and Hopfield Network for Edge Enhancement** - all 2 versions »
Z Wang - 2000 - nlc-bnc.ca
... 9.1.1 **Gradient** operators 3.6 **Histogram** for the window 39 ... 51 The connection between **block** 1 at layer 1 to layer 2 52 ...
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Automated and Manual Segmentation Techniques in Image Analysis of Microbes
MHF Wilkinson - Digital **Image** Analysis of Microbes: Imaging, Morphometry, . . . , 1998 - books.google.com
... nature of the phrase'considerable **difference** in grey ... Given that high **gradient** points should most often be ... The **histogram** of this modified **image** shows sharper ...
Cited by 6 - Related Articles - Web Search

[ps] **Fractal methods in Image Analysis and Coding**
D Neary - 2000 - redbrick.dcu.ie
... growing and **histogram** analysis ... $j ; j \text{ bd } j$, $f((MN)7!N(0;255))$ is the **image** to be ... of these are [5, 8, 9] energy, or angular second moment, **entropy**, cor ...
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Digital image processing in flow visualization - all 5 versions »
L Hesselink - Annual Review of Fluid Mechanics, 1988 - Annual Reviews
... linear response graphics; **image** analysis **Block** diagram of linear ... automated procedures such as the **gradient** and Sobel ... the ART or the maximum **entropy** method tend ...
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[ps] **Image representation with Gabor wavelets and its applications** - all 6 versions »
R Navarro, A Tabernero, G Cristóbal - Advances in Imaging and Electron Physics, 1996 - articulo.lma.fi.upm.es
... that can be done in the space domain: **histogram** modification, pixel ... found that Gabor functions (among others) are **entropy** minimizing signals. ... **Block** Transforms ...
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Progress in Picture Processing: 1969--71 - all 3 versions »
A Rosenfeld - ACM Computing Surveys (CSUR), 1973 - portal.acm.org
... A gener- ahzation of the digital **gradient**, in conjunc ... yield the given gray-level **histogram**, and, if ... relationship between linear partial **difference** equations and ...
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Space-Variant Two-Dimensional Filtering of Noisy Images* ALBERTO DE SANTIS, ALFREDO GERMANI, 2 AND
L JETTO - Aspects of **Image** Processing and Compression, 2001 - books.google.com
... is given by the sum of the **block** rows of ... M, j with the mean value of the **gradient** computed over ... were estimated by means of noise-smoothing **difference** operators ...
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[\[PDF\] Computational and numerical methods for bioelectric field problems - all 5 versions »](#)

CR Johnson - Crit. Rev. Biomed. Eng, 1997 - cs.utah.edu

... 24 IV-B The Finite **Difference** Method ... boundary value problem (often either the **gradient**

or laplacian ... singular value decomposition (GSVD), maximum **entropy**, and a ...

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AR Reserved - 2000 - reports.stanford.edu

... 23 3.2.2 Multidimensional **Gradient** Methods ... represent **image** neighborhoods and the boundaries between them ... to more accurate results for **detecting edges** and corners ...

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[**Image coding method and apparatus**](#)

Y Shinagawa, H Nagashima - EP Patent 1,134,700, 2001 - freepatentsonline.com

... frequency-related coding process such as **entropy** coding and ... to compute the mapping because a large **difference** in the ... This **block** at the m-th level is replaced ...

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[\[PDF\] Performance Evaluation of **Image** Segmentation and Texture Extraction Methods in Scene Analysis - all 3 versions »](#)

M Sharma - MPhil in Computer Science thesis, University of Exeter, 2001 - dcs.ex.ac.uk

... 93 Figure 3.9 The effect of brightness parameter on **detecting edges** in SUSAN; (a ...

106 Figure 4.9 (a) Original **image**; (b) **Histogram** thresholded **image**. ...

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WR Uttal - 1992 - books.google.com

... Stephen W. Link • The Wave Theory of **Difference** and Similarity EDITED VOLUMES ...

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